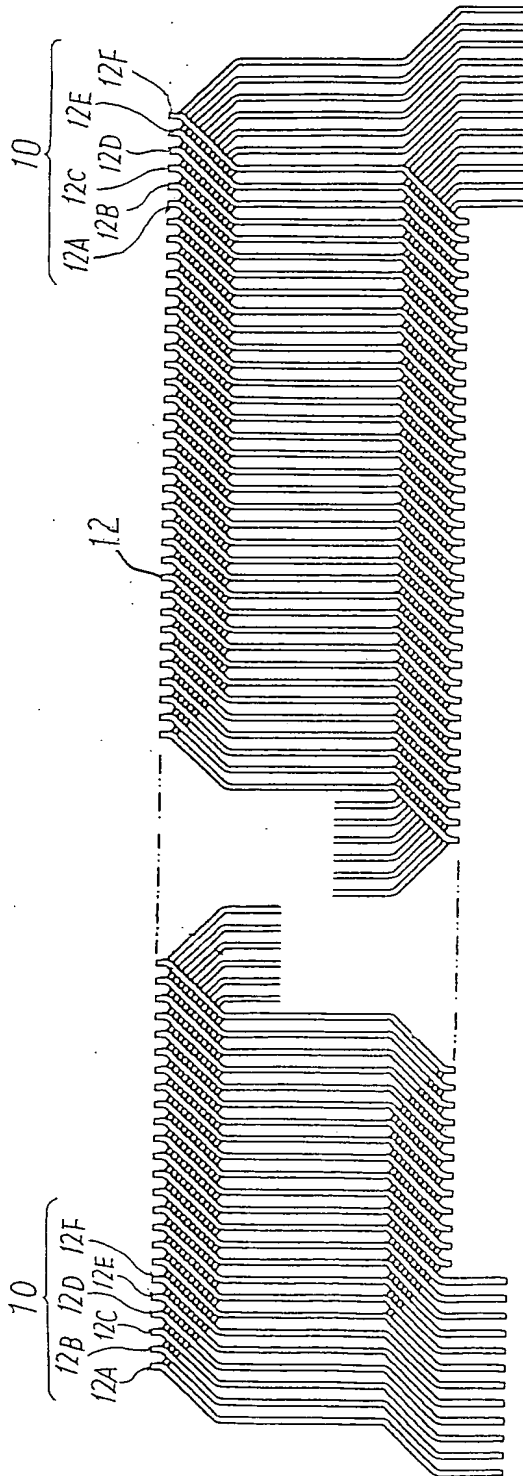


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Fig. 1



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Fig. 2

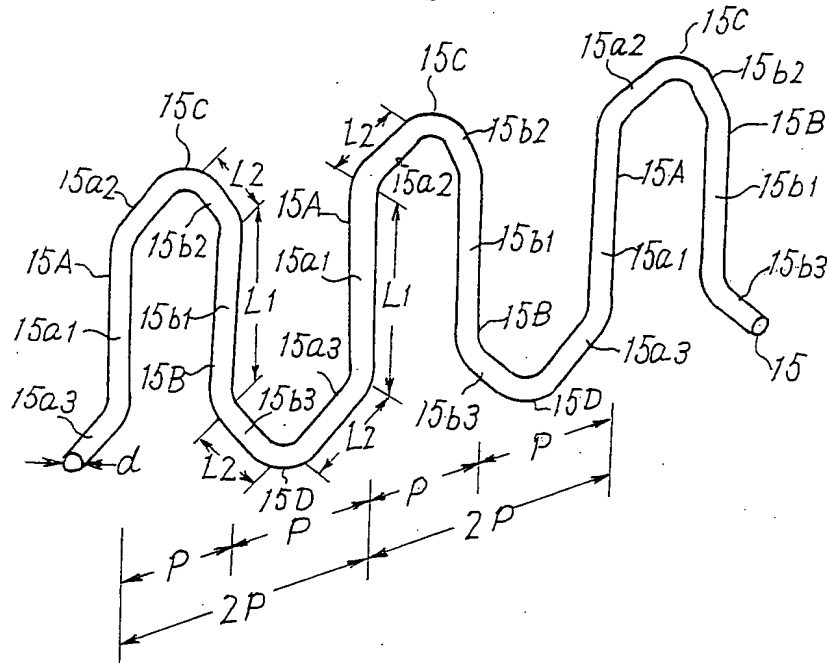
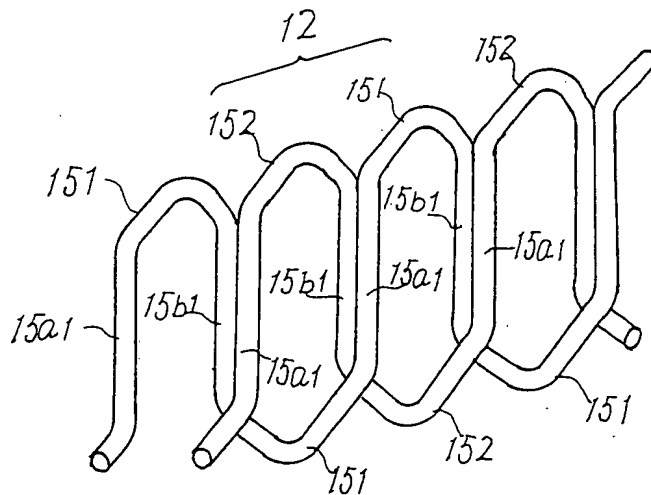


Fig. 3



$$\frac{3}{33}$$

F i g . 4

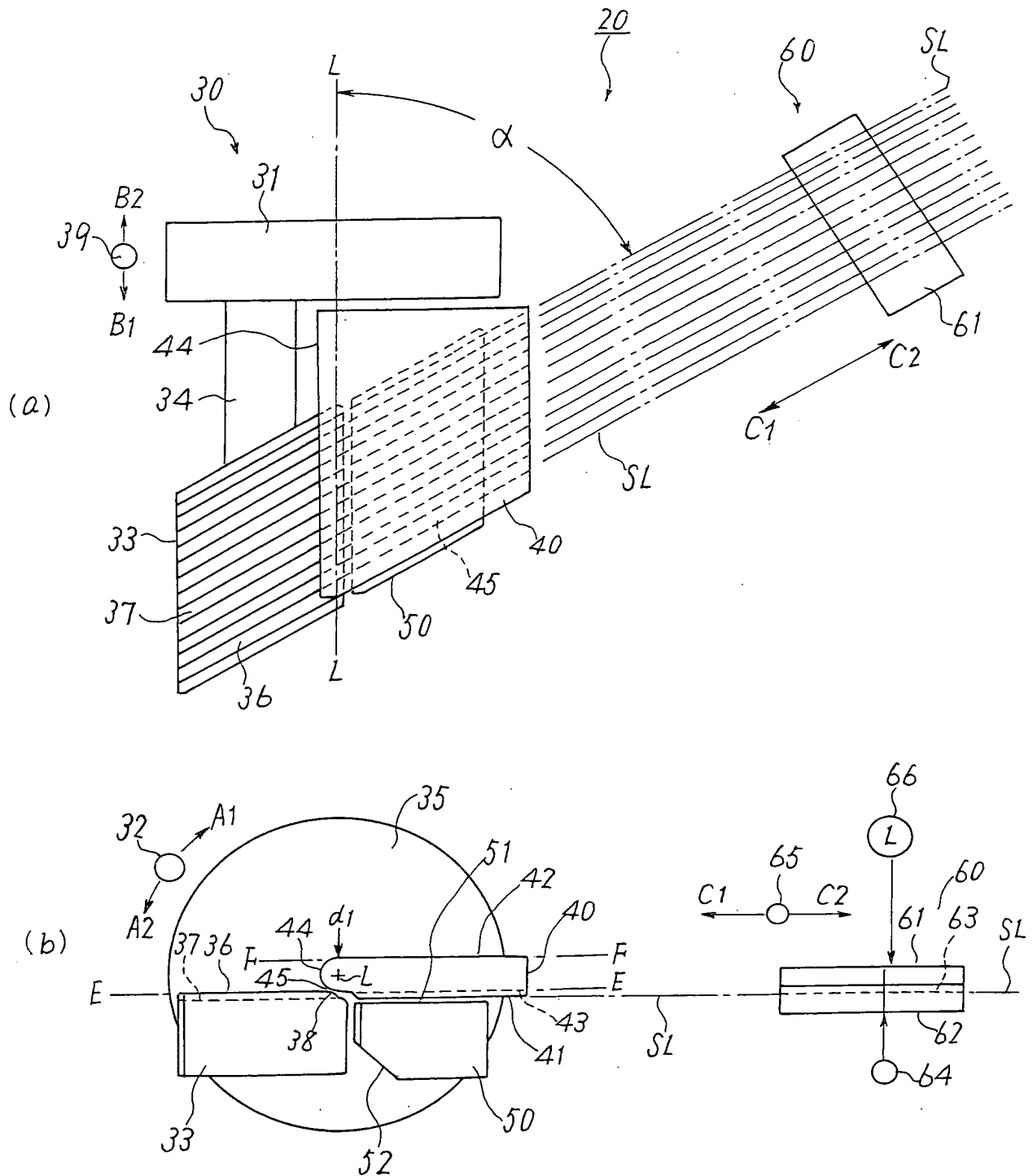
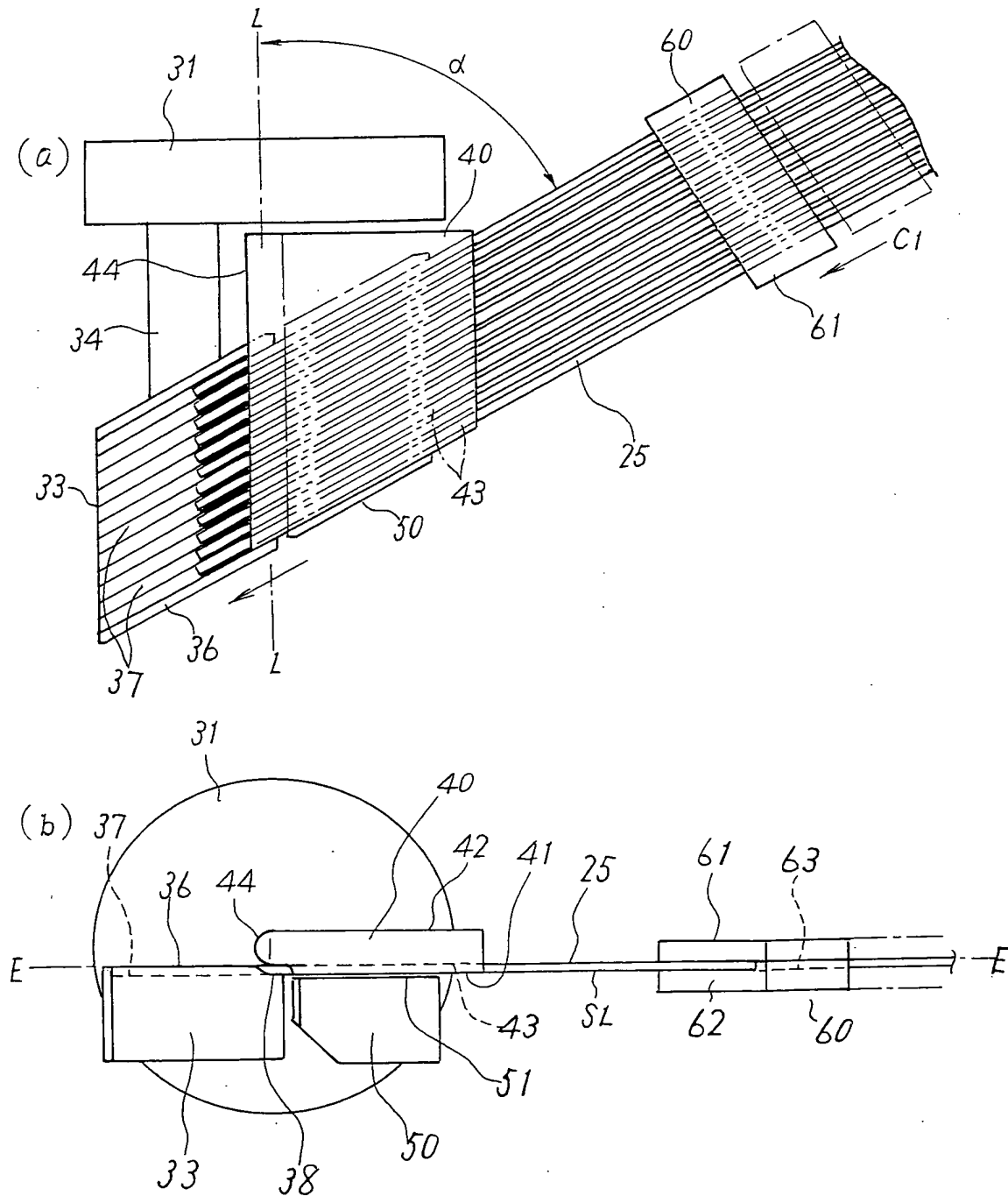
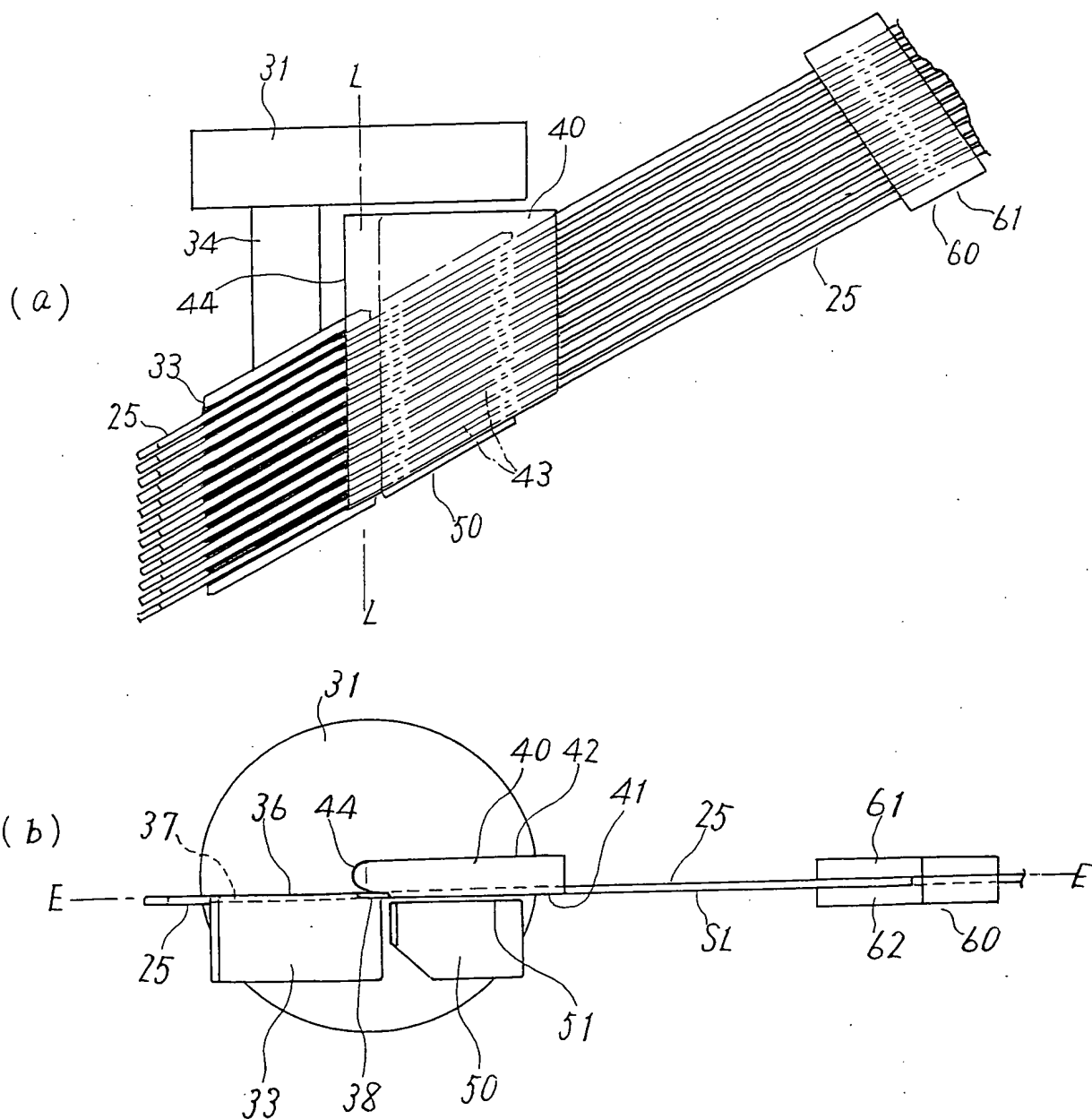


Fig. 5



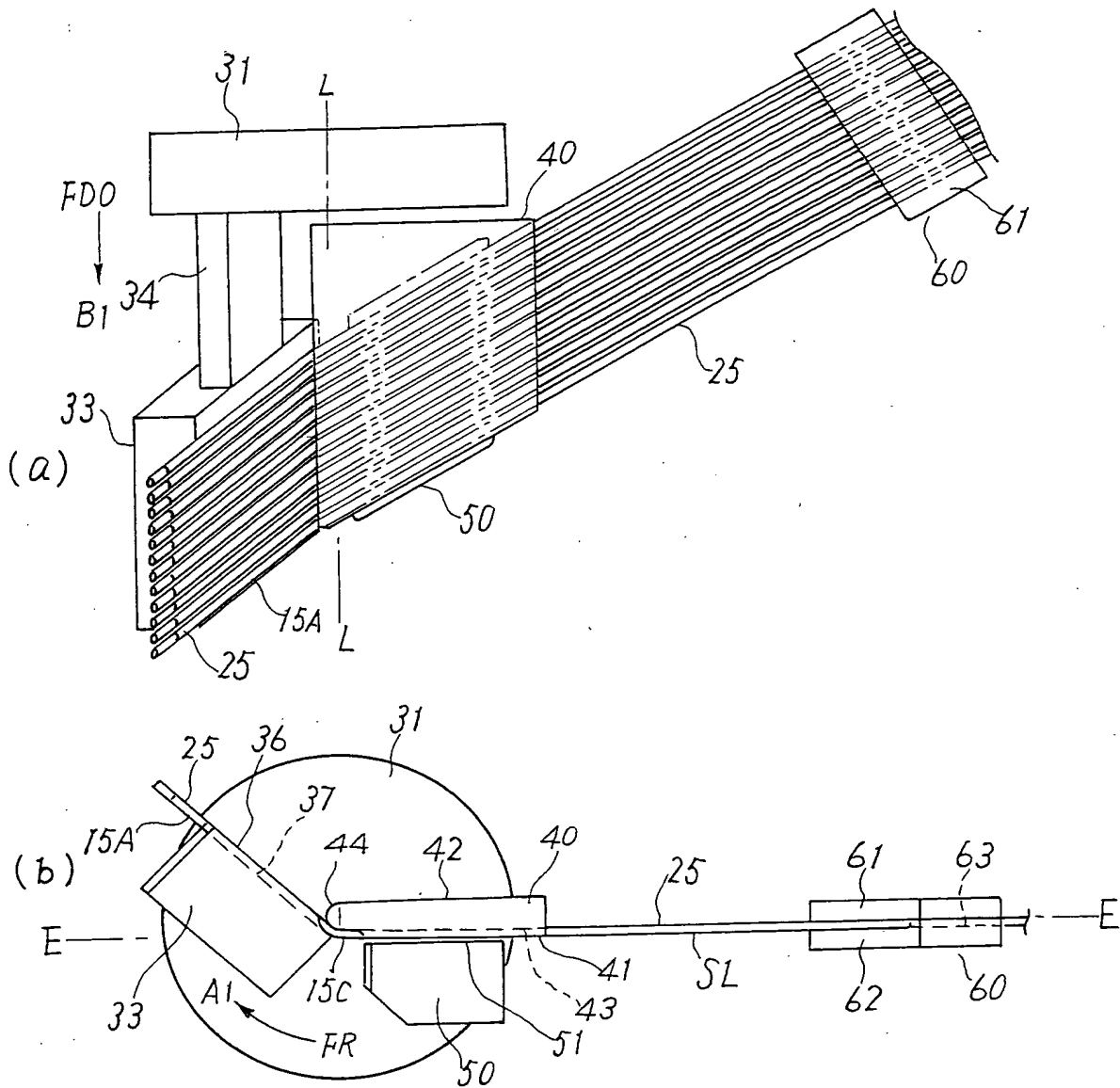
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Fig. 6



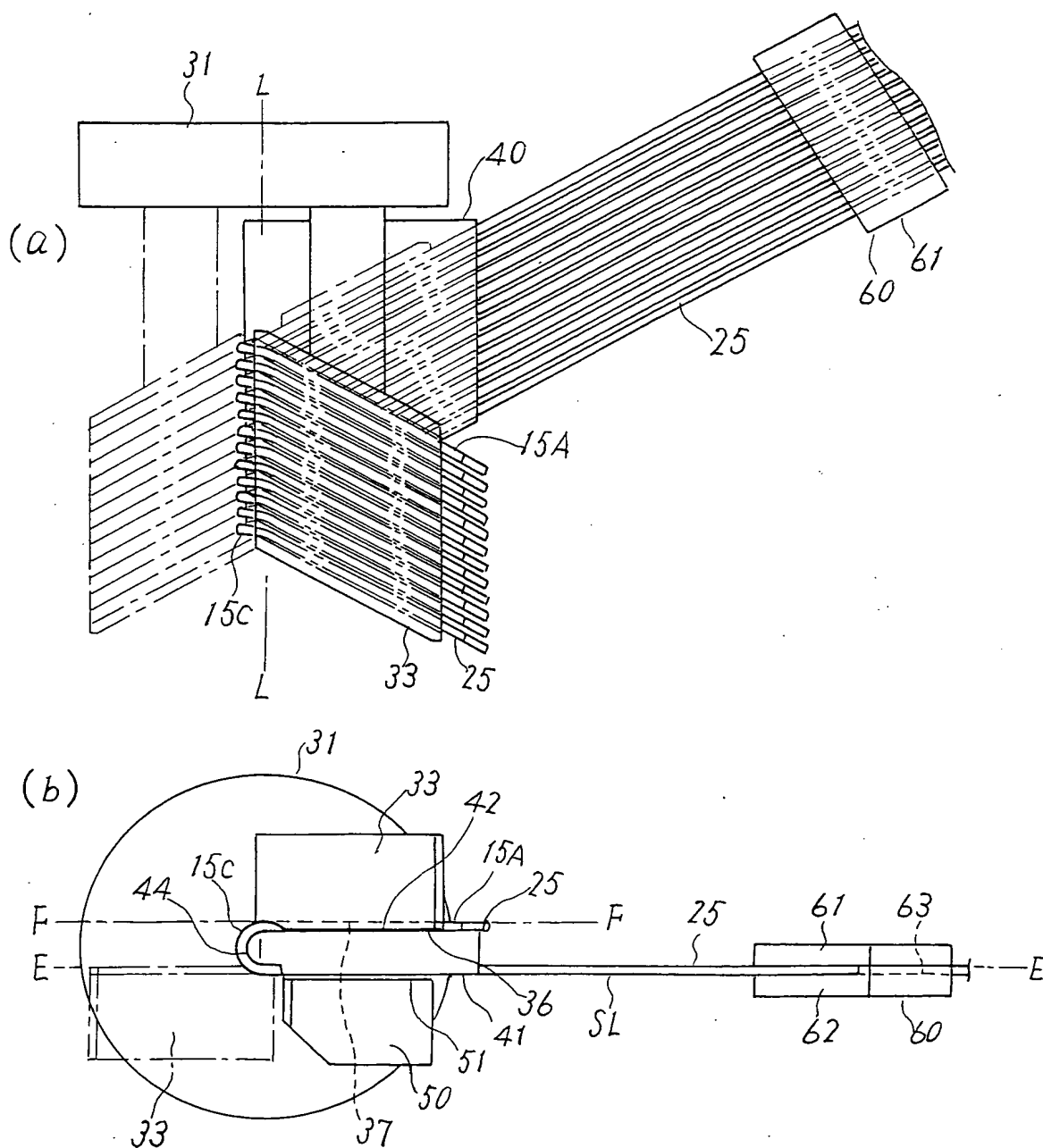
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Fig. 7



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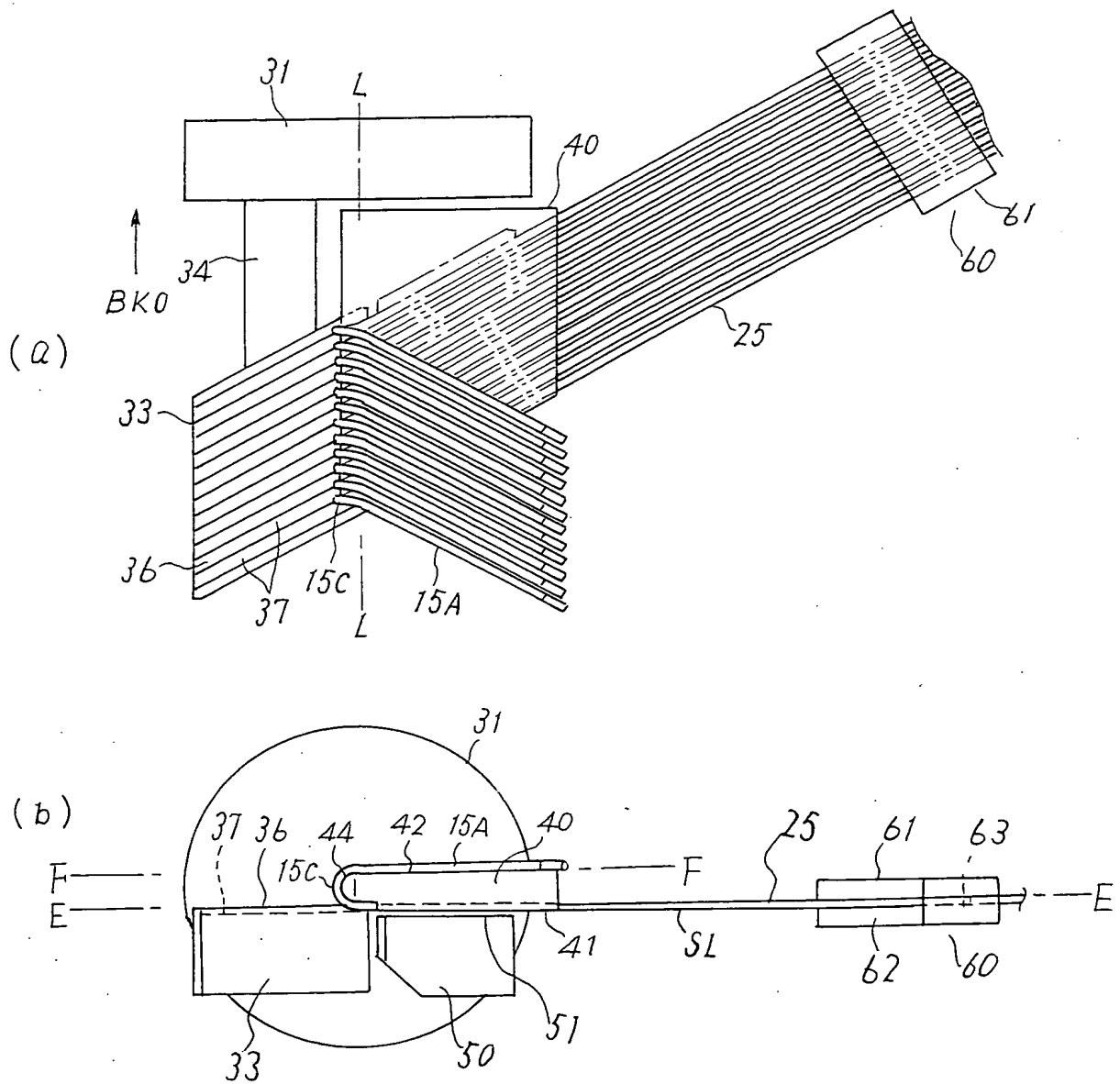
Fig. 8



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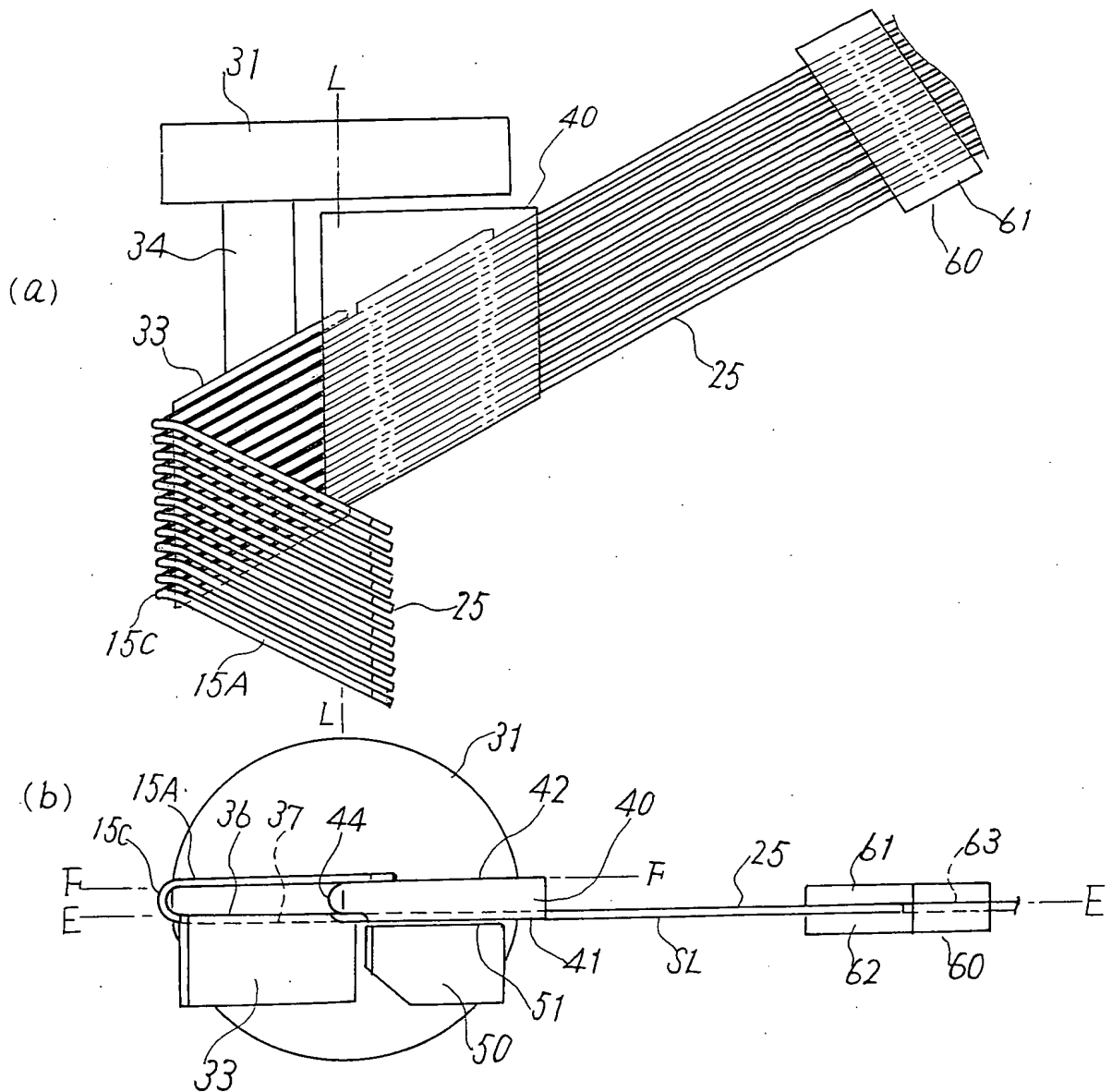
$$\frac{8}{33}$$

Fig. 9



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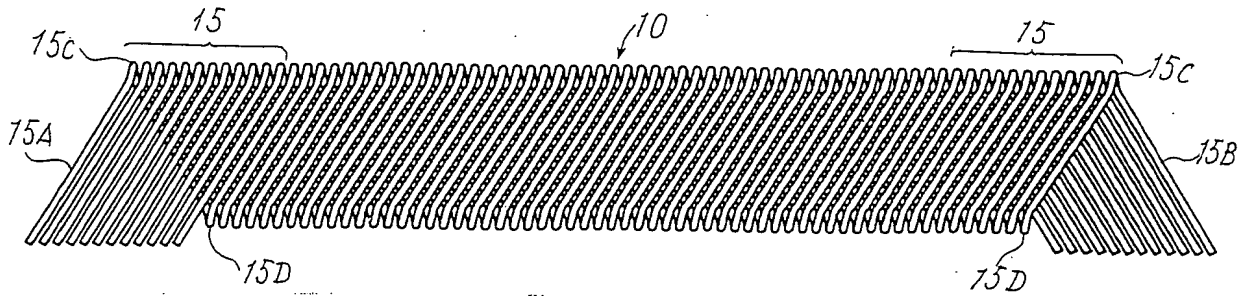
Fig. 10



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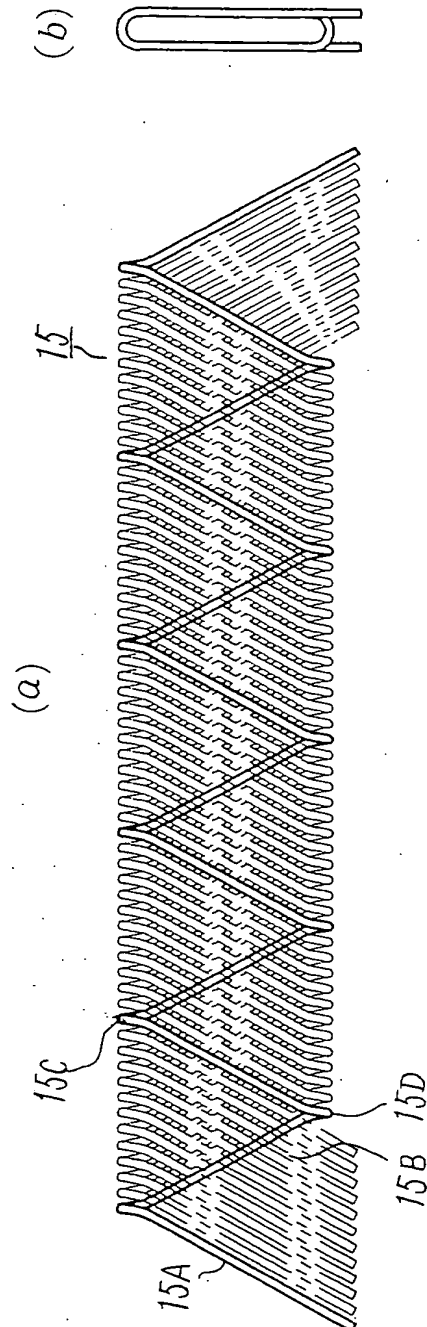
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Fig. 11



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33

F i g . 1 2



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Fig. 13

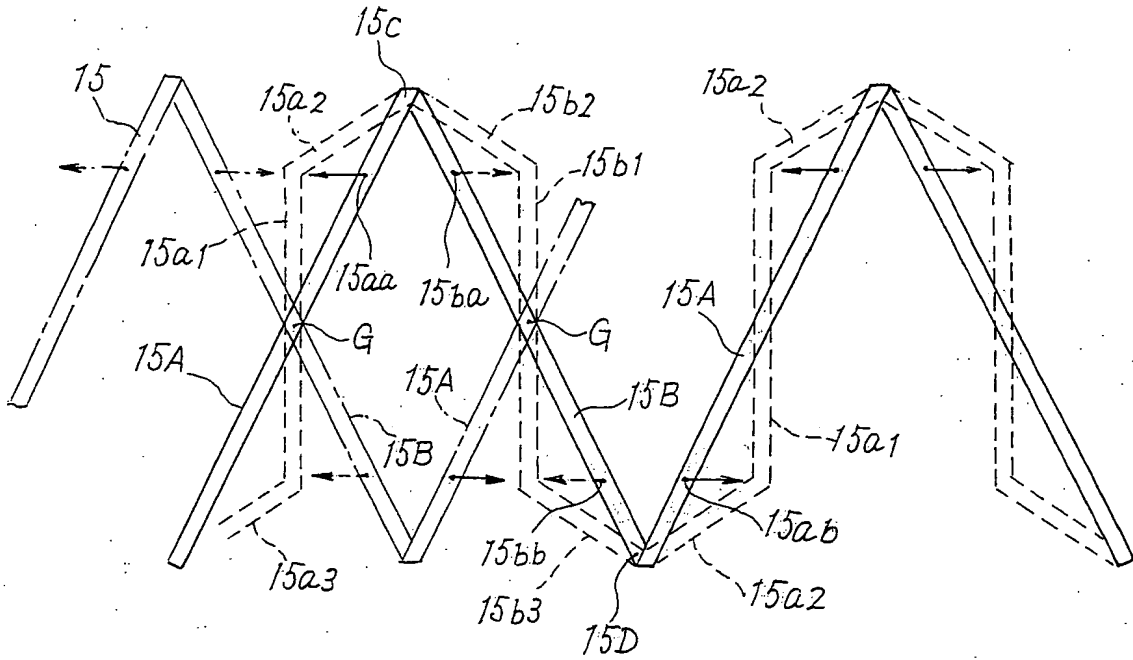
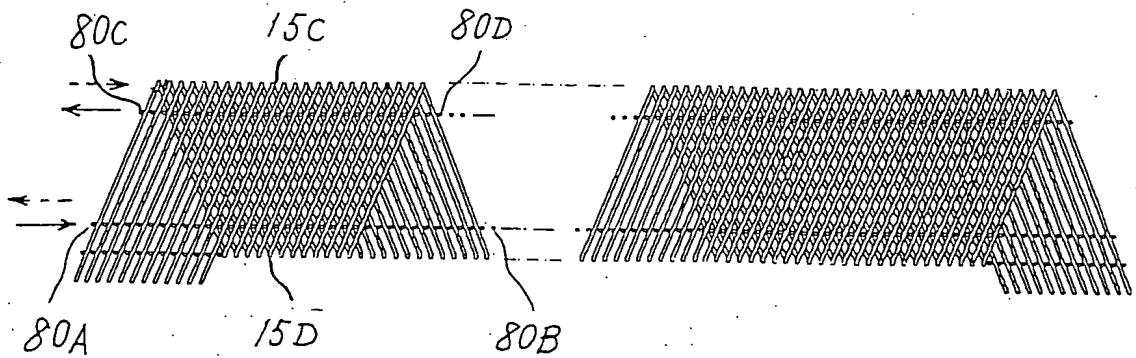
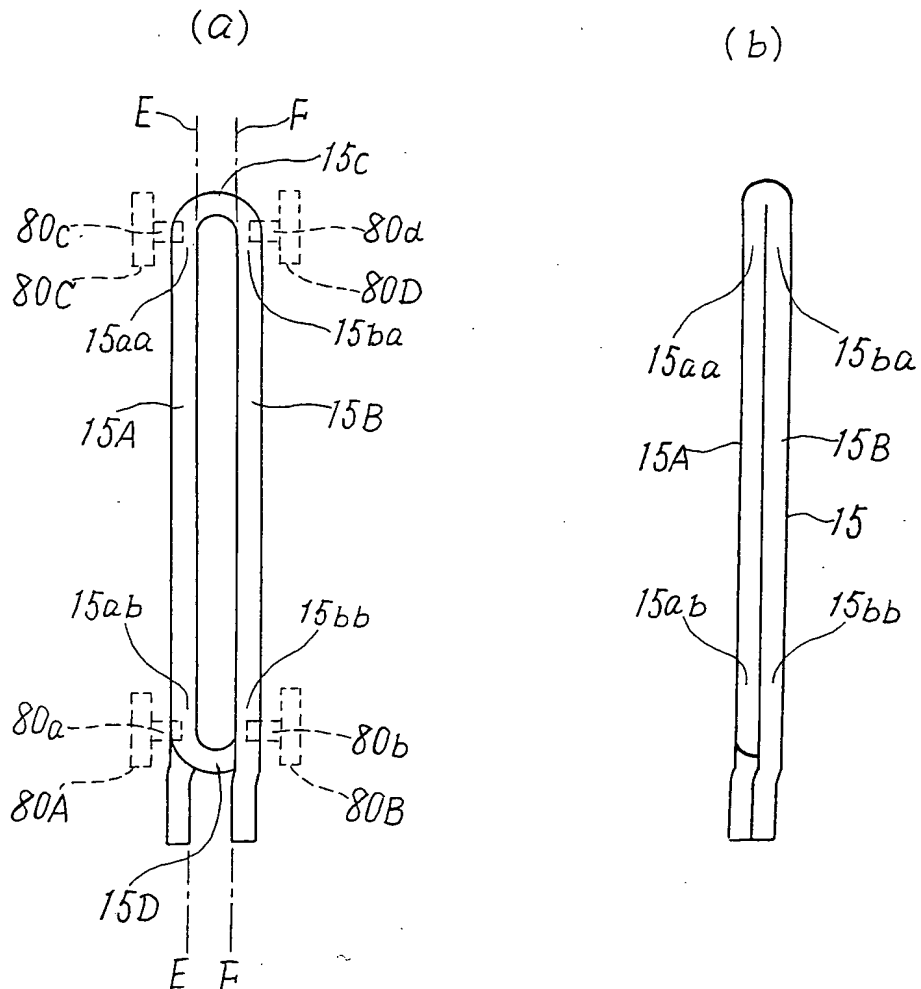


Fig. 14



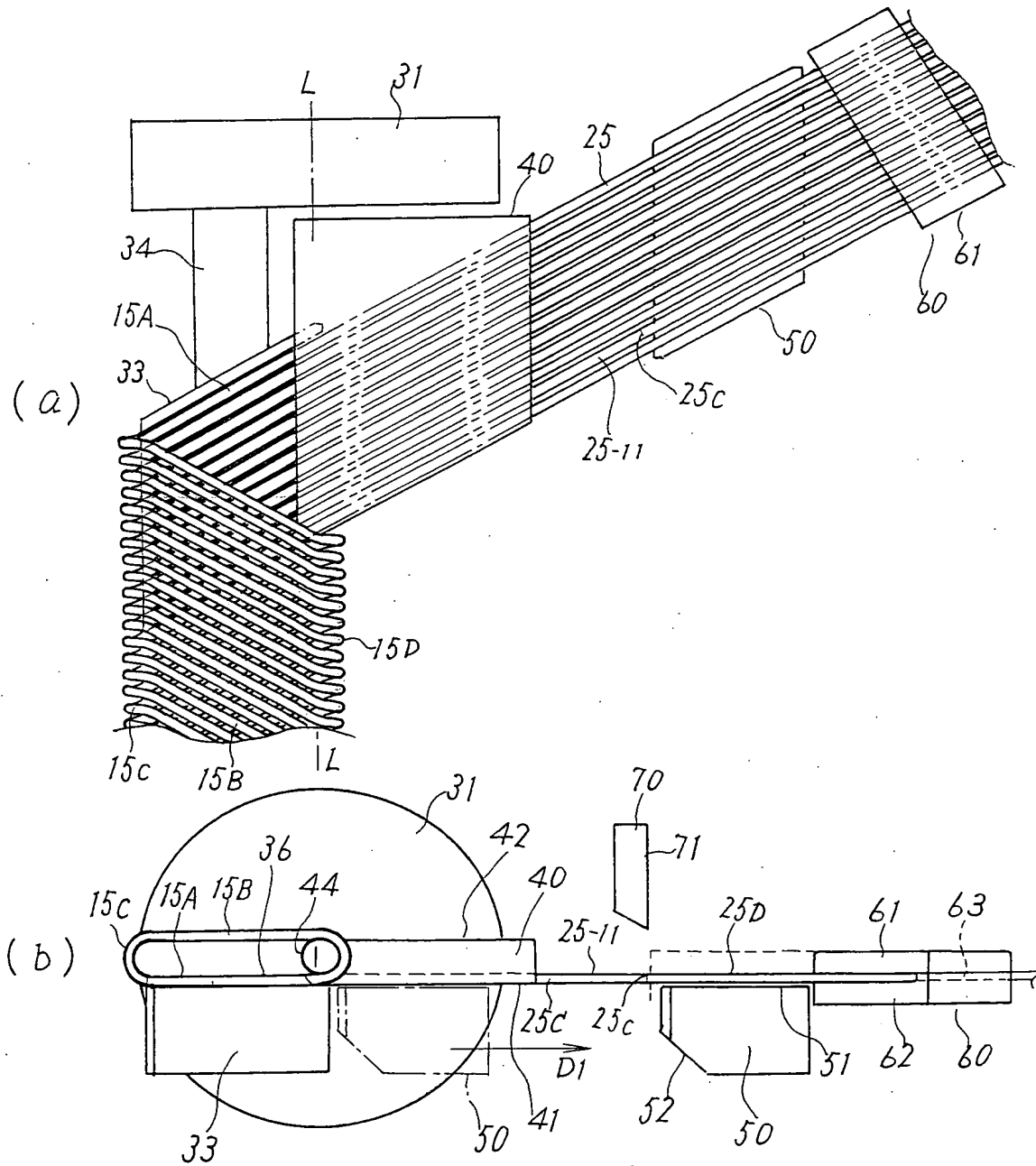
13
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Fig. 15



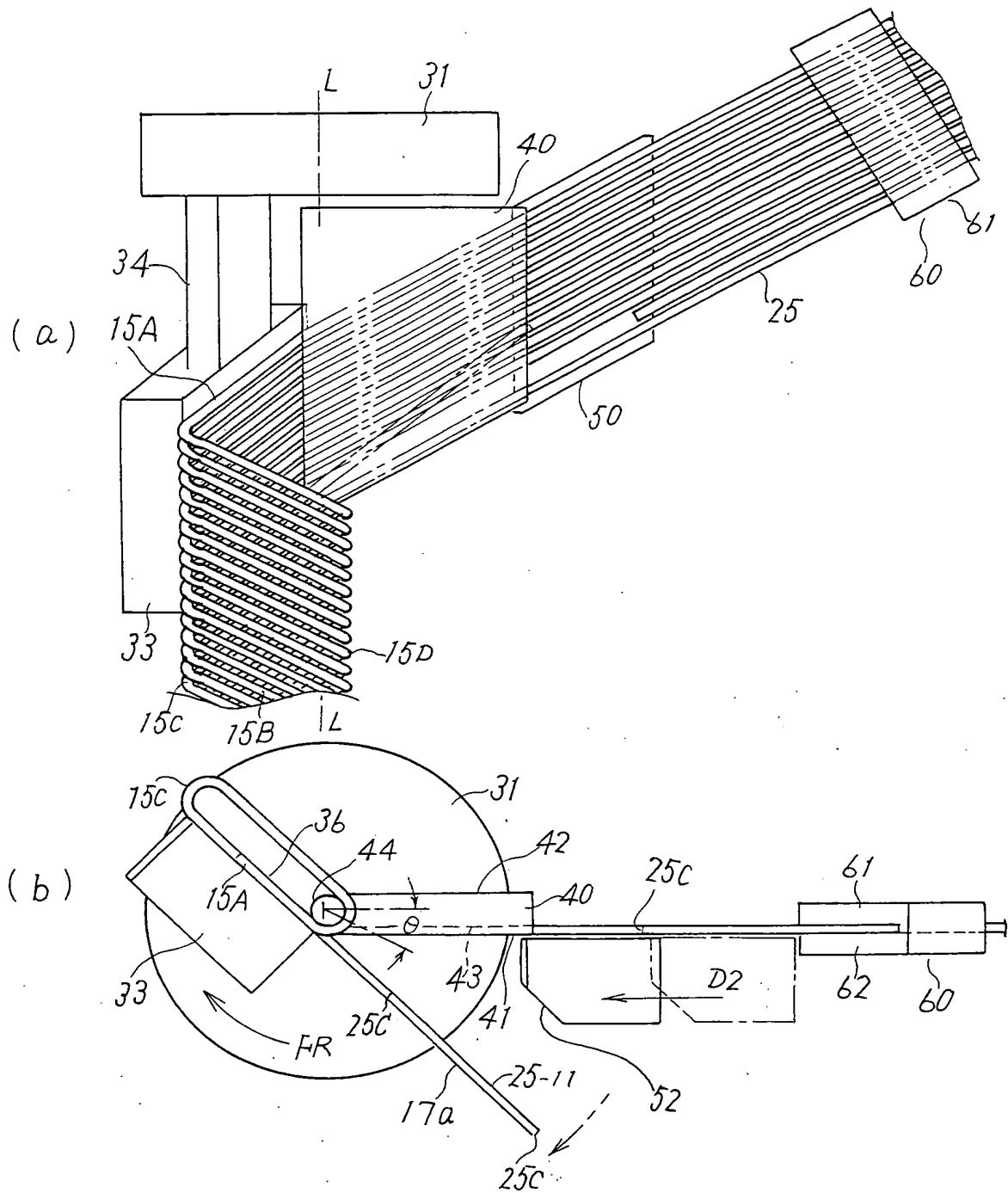
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Fig. 16



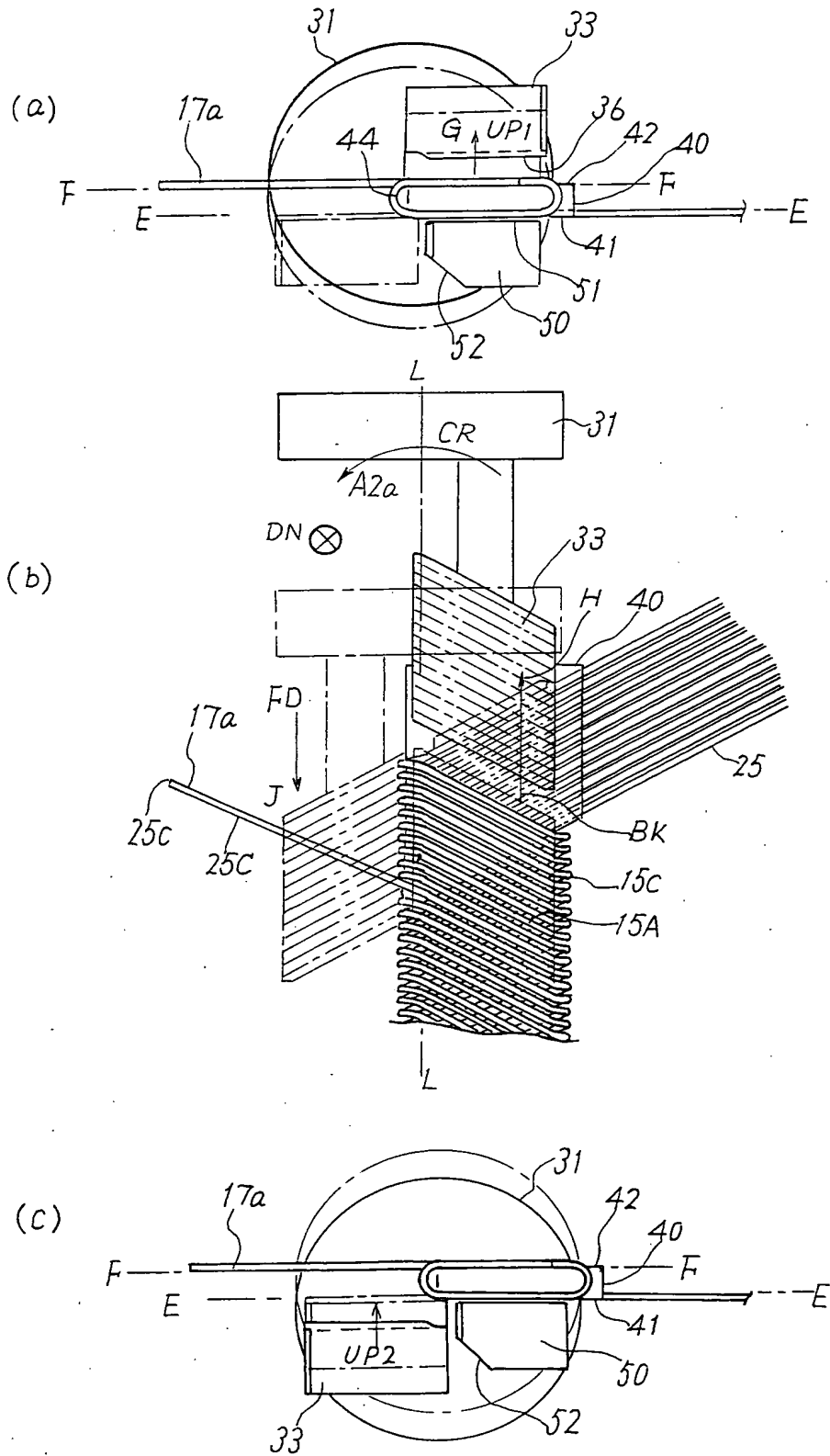
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Fig. 17



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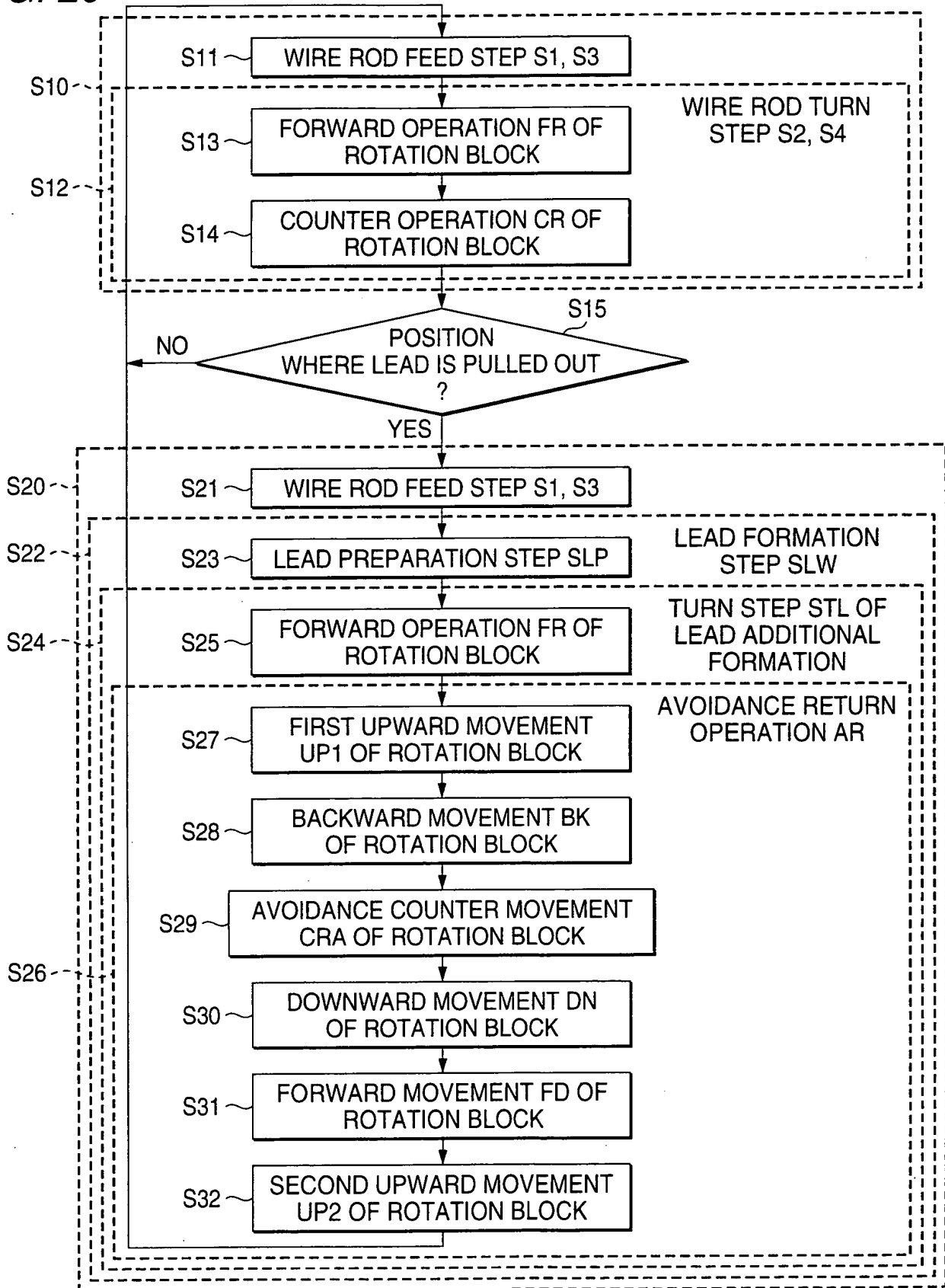
Fig. 19



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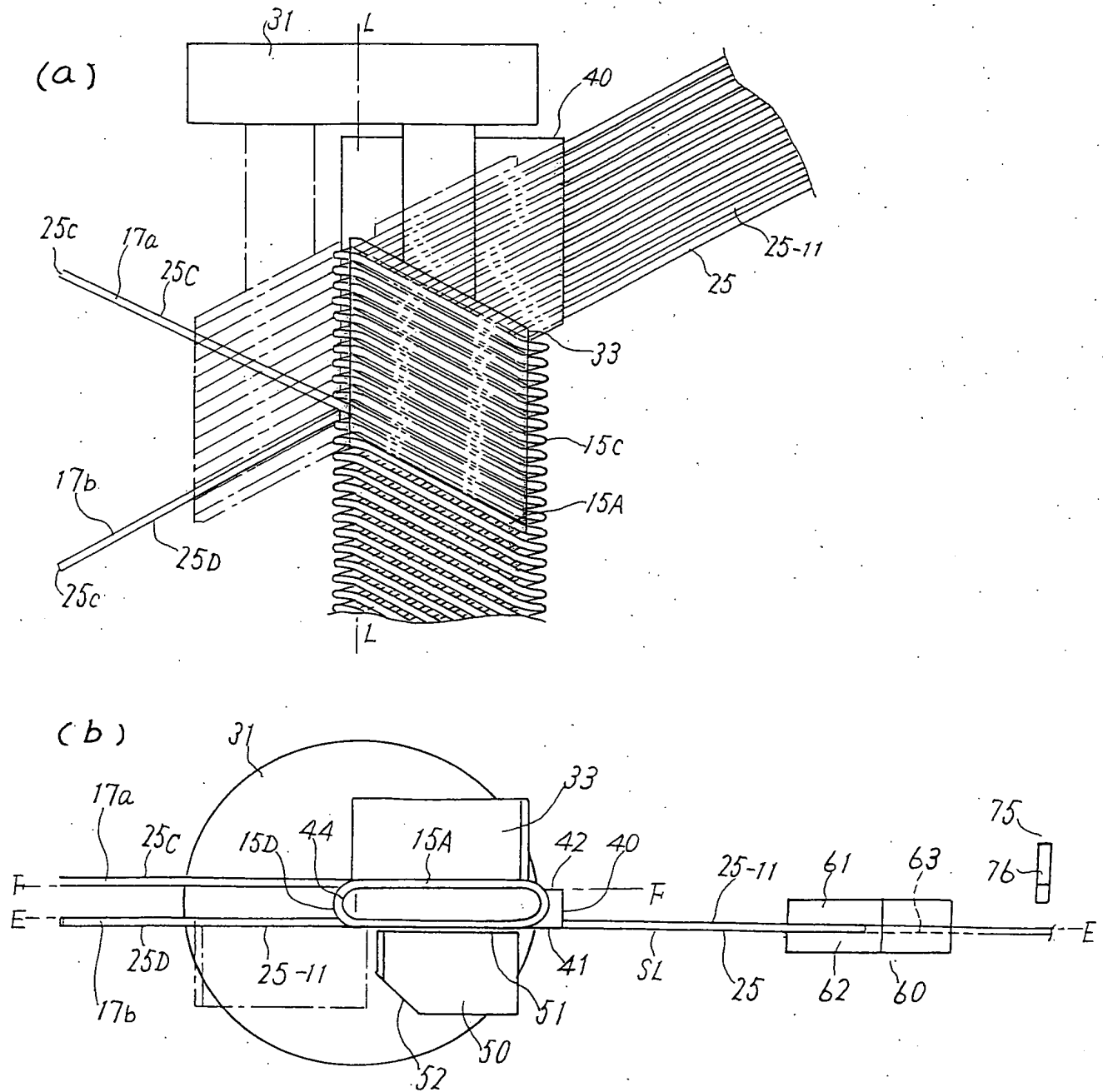
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FIG. 20



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Fig. 21



$$\frac{21}{33}$$

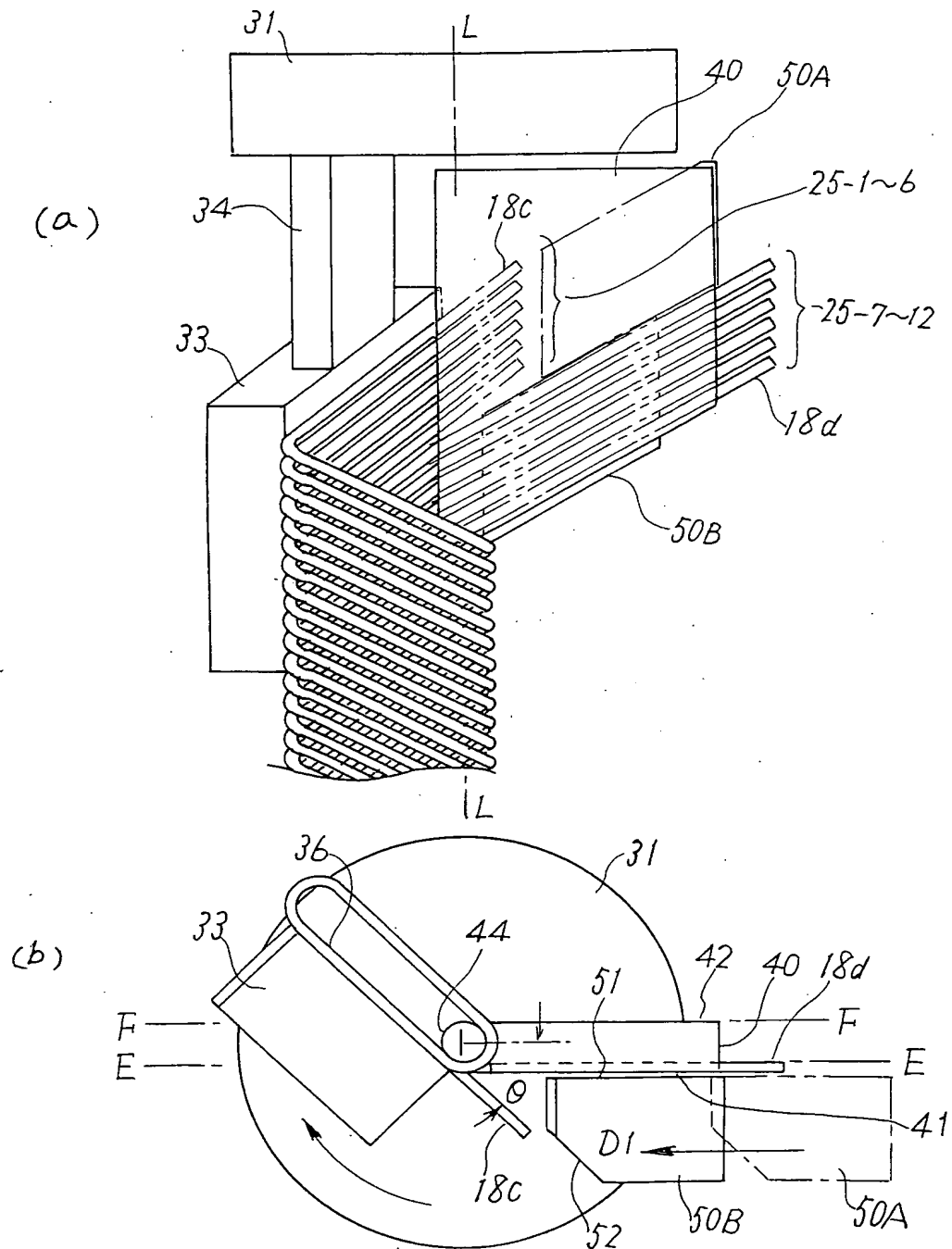
(a) A perspective view of the optical fiber cable 10. The cable consists of a bundle of optical fibers 18a, which are grouped into two main sections: 25-1~6 and 25-7~12. These sections are housed within a protective sheath 31. The sheath has a central longitudinal slot 33. A layer 34 is located between the fibers and the sheath. A cross-section C1 is indicated. The cable is shown with a bend, revealing internal components like 40, 50A, and 50B. Labels 60A and 61 point to specific parts of the fiber bundle.

(b) A cross-sectional view of the optical fiber cable 10 along the plane E-E. It shows the circular arrangement of the optical fibers 18a within the sheath 31. The fibers are divided into groups 25-1~6 and 25-7~12. The sheath has a central slot 33. Other labels include 36, 37, 38, 40, 41, 42, 44, 50A, 50B, 51, 52, 60A, 61, 62, 63, and SL. Forces F and E are indicated acting on different parts of the cable.

$$\frac{22}{33}$$

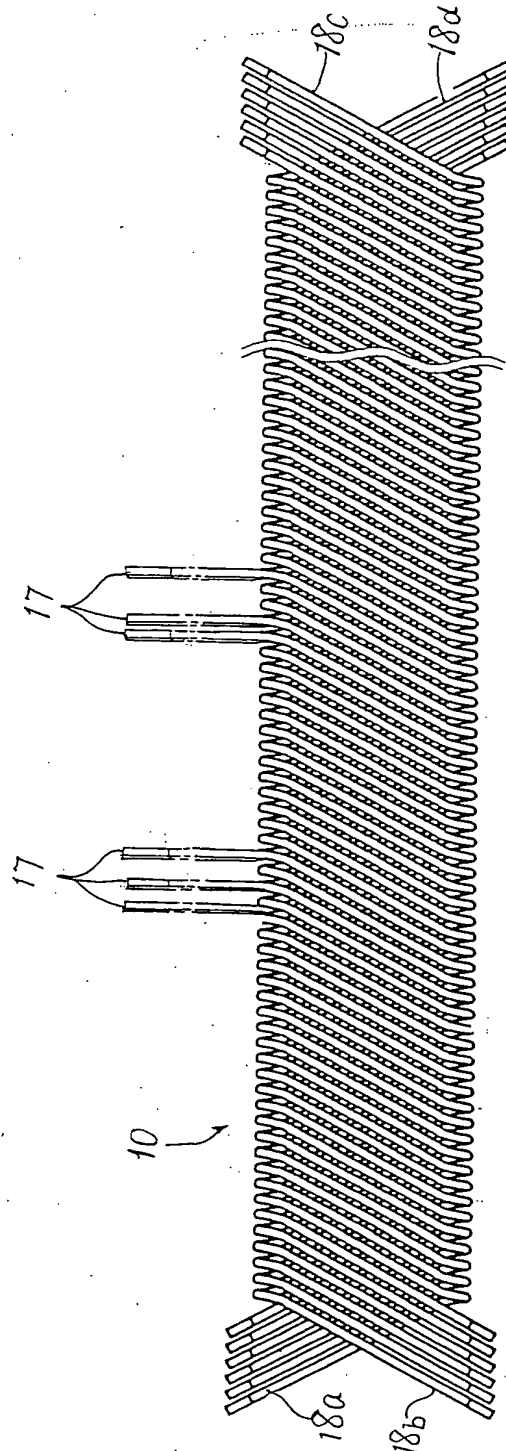
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Fig. 25



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33

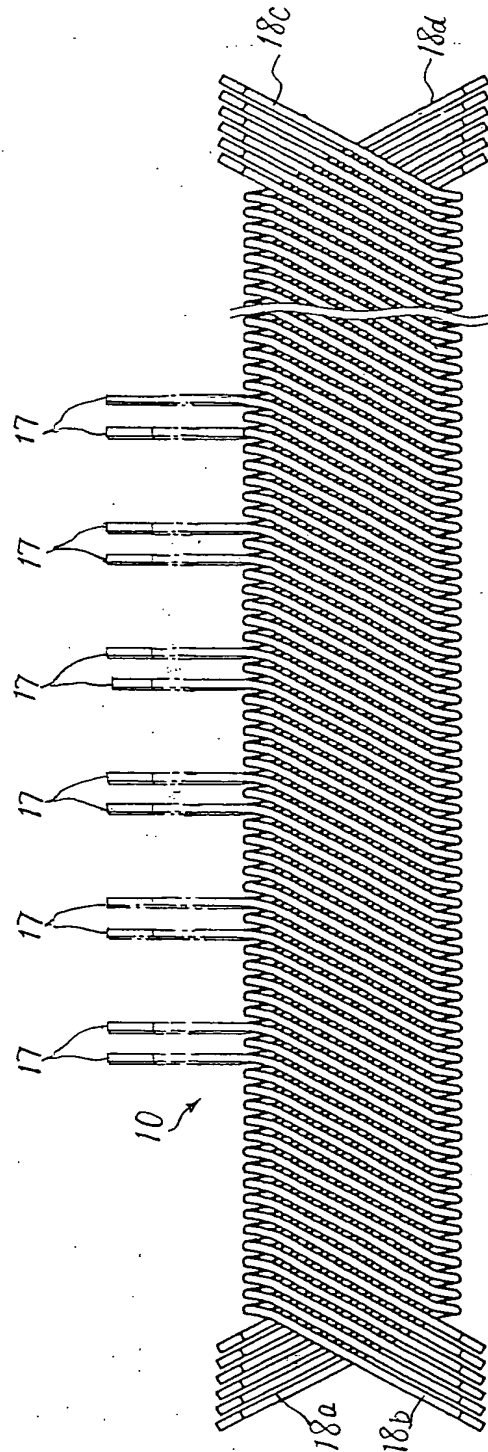
Fig. 26



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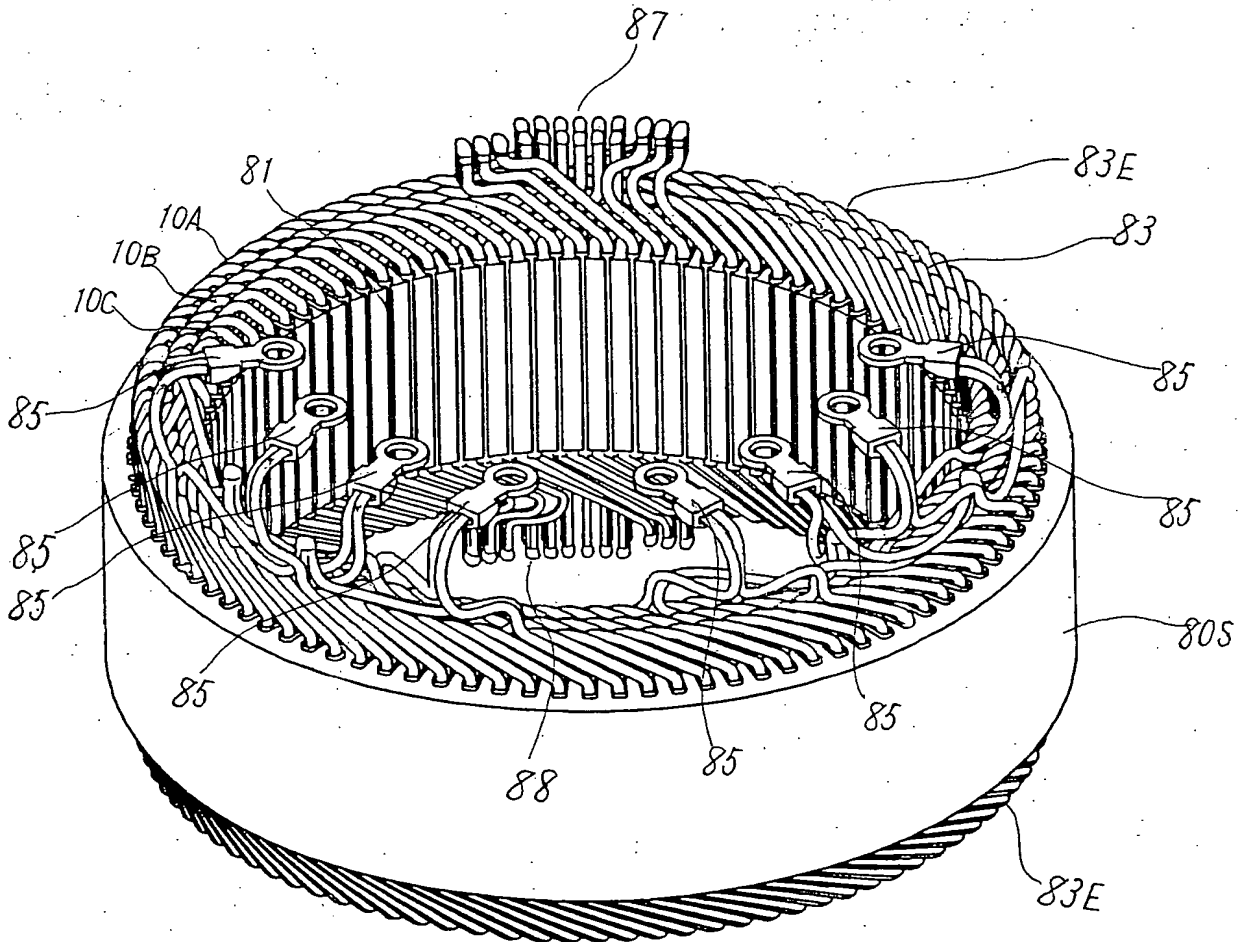
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Fig. 27



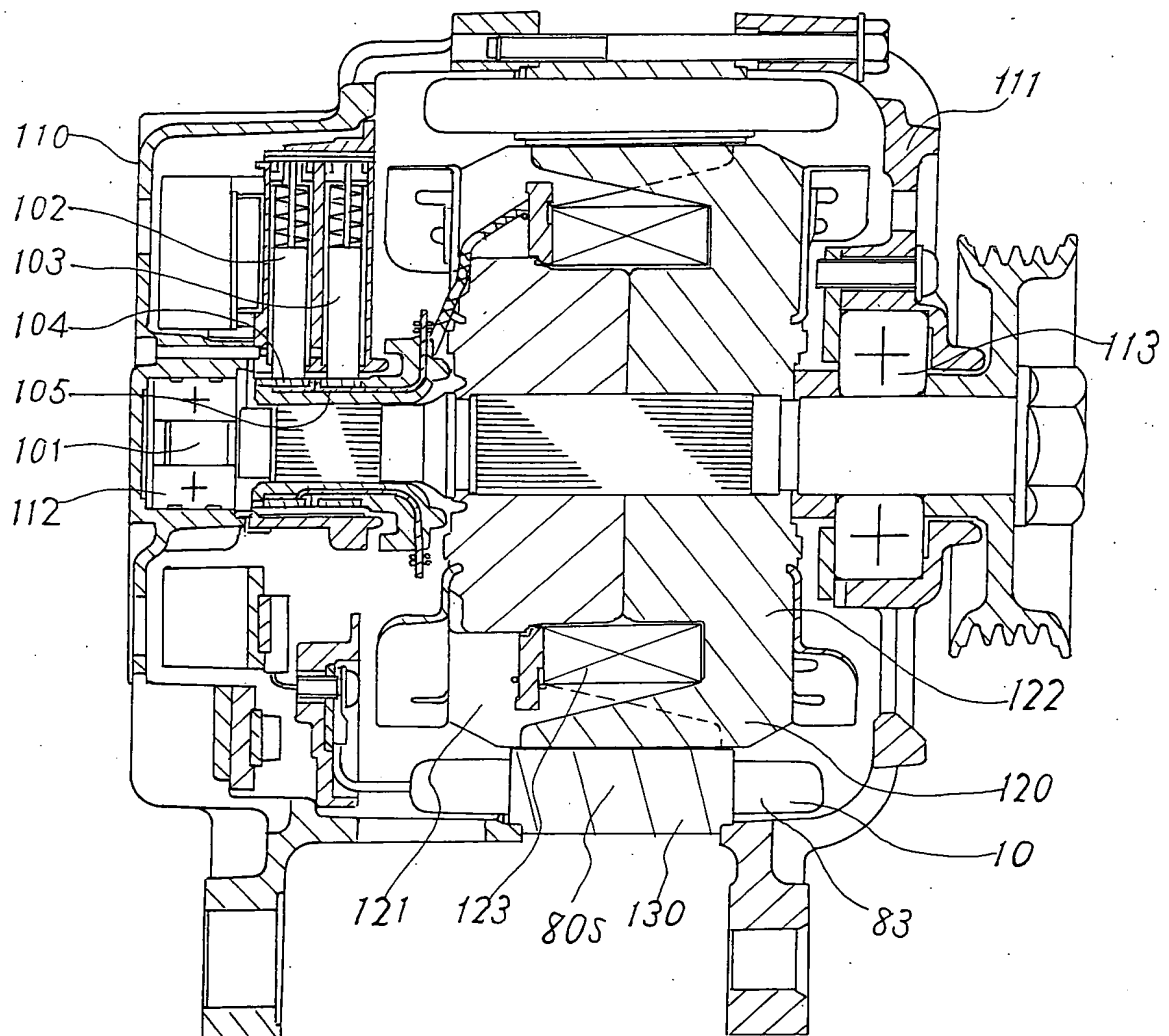
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33

Fig. 28



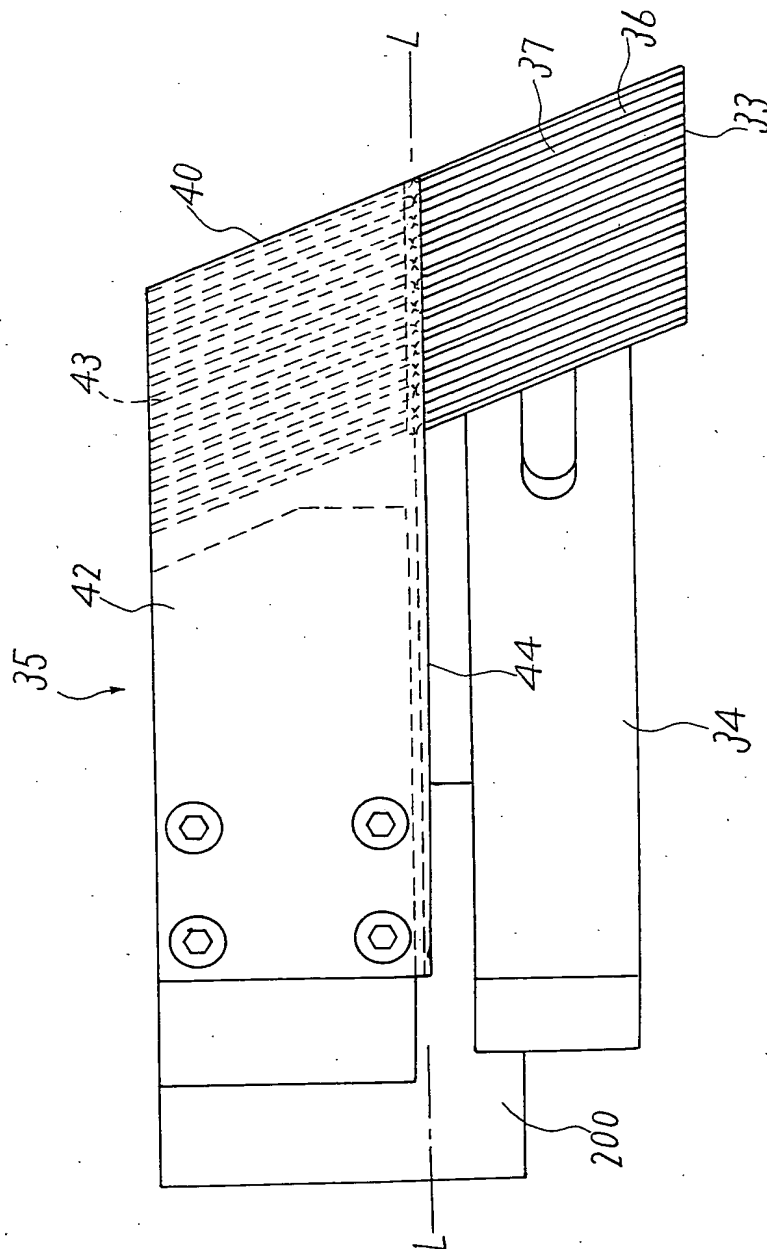
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Fig. 29



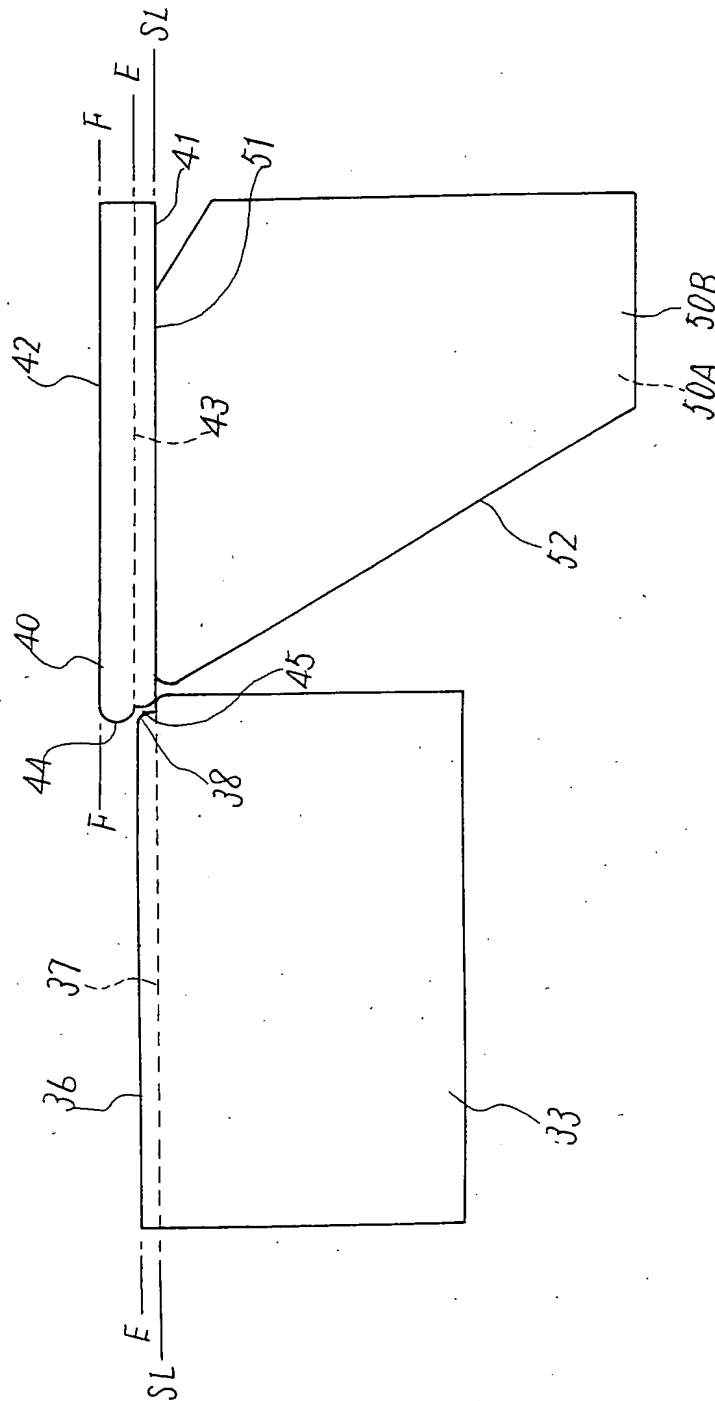
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Fig. 30



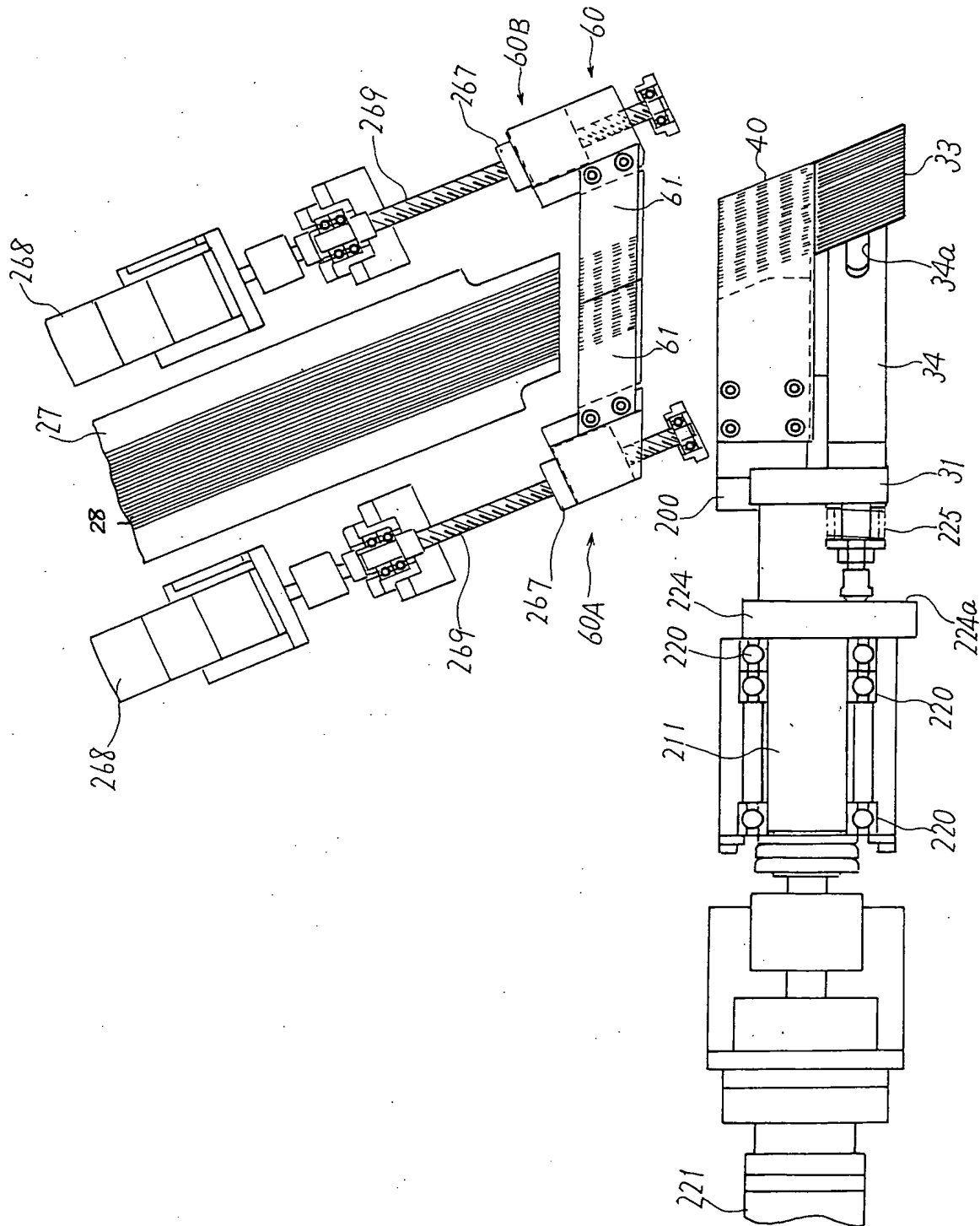
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Fig. 33



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Fig. 34



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Fig. 36

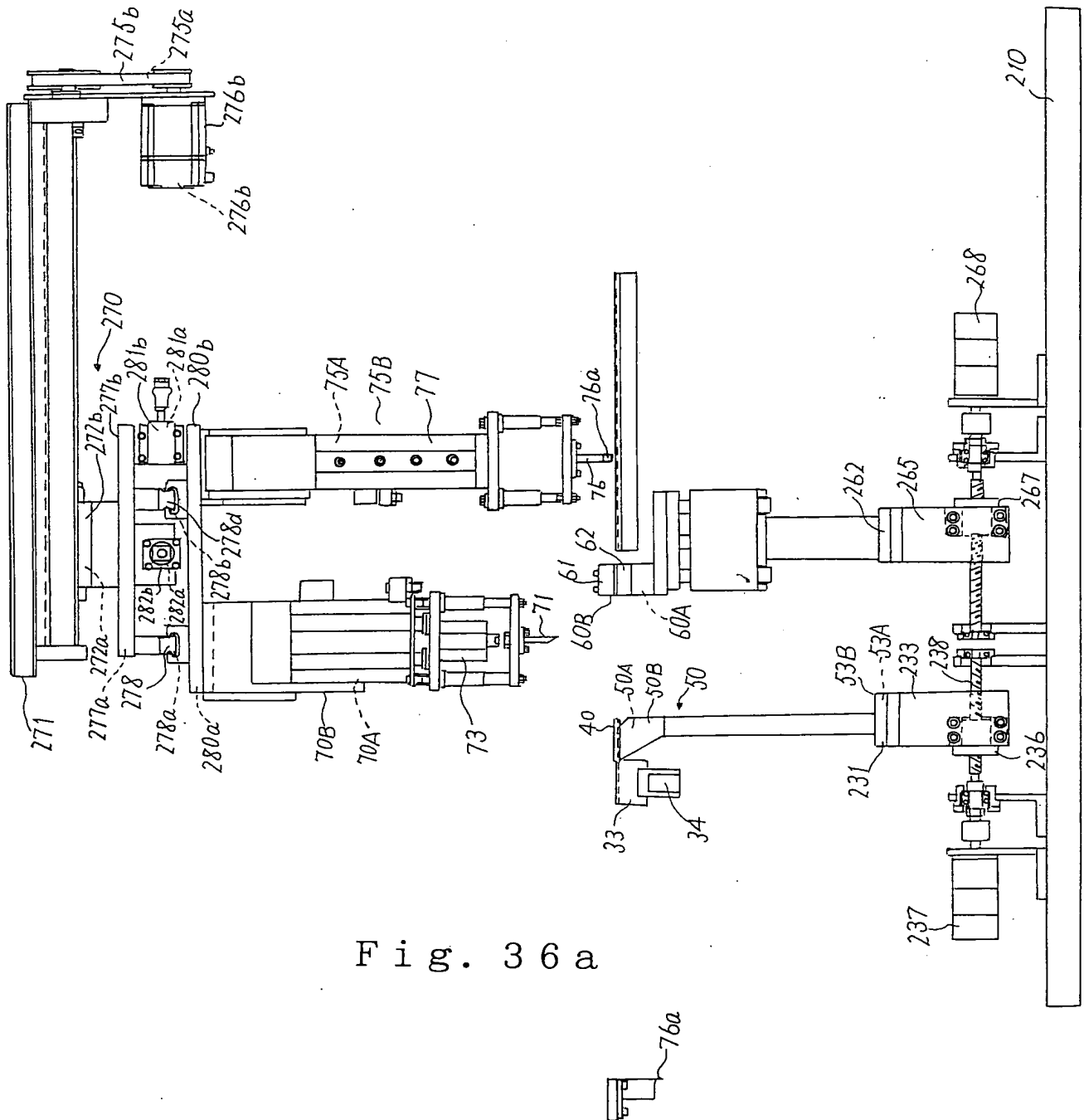


Fig. 36a